

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE

PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

NIH202.001C1

APPLICATION NO.

10/656,721

INFORMATION DISCLOSURE STATEMENT

BY APPLICANT

APPLICANT

Pang et al.

FILING DATE

September 5, 2003

GROUP

Unknown

(USE SEVERAL SHEETS IF NECESSARY)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
MPS	1	WO 99/28487	06/10/1999	PCT			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
MPS	2	Beard, C. et al. 1999 "Development of DNA vaccines for foot-and-mouth disease, evaluation of vaccines encoding replicating and non-replicating nucleic acids in swine" <i>J Biotechnol</i> 73:243-249.
	3	Bhamarapravati, N. et al. 2000 "Live attenuated tetravalent dengue vaccine" <i>Vaccine</i> 18 Suppl. 2:44-47.
	4	Brinton, M.A. et al. 1998 "Immune mediated and inherited defences against flaviviruses" <i>Clin Diagn Virol</i> 10:129-139.
	5	Cardosa M.J. 1998 "Dengue vaccine design: issues and challenges" <i>Br Med Bull</i> 54:395-405.
	6	Chambers T.J. et al. 1997 "Vaccine development against dengue and Japanese encephalitis: report of a World Health Organization meeting" <i>Vaccine</i> 15:1494-1502.
	7	Chambers, T.J. et al. 1990 "Flavivirus Genome Organization, Expression and Replication" <i>Ann Rev Microbiol</i> 44:649-688.
	8	Falgout, B. et al. 1990 "Immunization of mice with recombinant vaccinia virus expressing authentic dengue virus nonstructural protein NS1 protects against lethal Dengue virus encephalitis" <i>J Virol</i> 64:4356-4363.
	9	Halstead, S.B. 1988 "Pathogenesis of Dengue: Challenges to molecular biology" <i>Science</i> 239:476-481.
	10	Heinz, F.X. 1986 "Epitope mapping of flavivirus glycoproteins" <i>Adv Virus Res</i> 31:103-168.
MPS	11	Henchal, E.A. et al. 1988 "Synergistic interactions of anti-NS1 monoclonal antibodies protect passively immunized mice from lethal challenge with Dengue 2 virus" <i>J Gen Virol</i> 69:2101-2107.

EXAMINER

DATE CONSIDERED

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EXAMINER	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
12	Irie K. et al. 1993 "Dengue virus type 2 complete genome" NCBI Database accession No. M29095.
13	Kanesa-athan, N. et al. 2001 "Safety and immunogenicity of attenuated dengue virus vaccines (Aventis Pasteur) in human volunteers" <i>Vaccine</i> 19:3179-3188.
14	Khromykh, A.A. et al. 1997 "Subgenomic replicons of the flavivirus Kunjin: construction and applications" <i>J Virol</i> 71:1497-1505.
15	Khromykh, A.A. et al. 1998 "Encapsidation of the flavivirus Kunjin replicon RNA by using a complementation system providing Kunjin virus structural proteins in <i>trans</i> " <i>J Virol</i> 72:5967-5977.
16	Khromykh, A.A. 2000 "Replicon-based vectors of positive strand RNA viruses" <i>Curr Opin Mol Ther</i> 2:555-569.
17	Khromykh, A.A. et al. 2001 "Coupling between replication and packaging of flavivirus RNA: evidence derived from the use of DNA-based full-length cDNA clones of Kunjin virus" <i>J Virol</i> 75:4633-4640.
18	Lindenbach, B.D. et al. 1997 "trans-complementation of yellow fever virus NS1 reveals a role in early RNA replication" <i>J Virol</i> 71:9608-9617.
19	Monath, T.P. 1994 "Dengue: the risk to developed and developing countries" <i>PNAS USA</i> 91:2395-2400.
20	Morens, D.M. 1994 "Antibody-dependent enhancement of infection and the pathogenesis of viral disease" <i>Clin Infect Dis</i> 19:500-511.
21	Pang, X. et al. 1998 "A full-length infectious cDNA clone of a Dengue serotype 2 vaccine virus" in: "World Meeting on Positive Strand Virus".
22	Pang, X. et al. 2001 "Development of Dengue virus type 2 replicons capable of prolonged expression in host cells" <i>BMC Microbiol</i> 1:18. Epub 2001 Aug 24.
23	Pang, X. et al. 2001 "Development of dengue virus replicons expressing HIV-1 gp120 and other heterologous genes: a potential future tool for dual vaccination against dengue virus and HIV" <i>BMC Microbiol</i> 1:28. Epub 2001 Nov 13.
24	Polo, S. et al. 1997 "Infectious RNA Transcripts from full-length dengue virus type 2 cDNA clones made in Yeast" <i>J Virol</i> 71:5366-5374.
25	Puri, B. et al. 2000 "Construction of a full length infectious clone for dengue-1 virus western pacific, 74 strain" <i>Virus Genes</i> 20:57-63.
26	Rice, C.M. 1996 "Flaviviridae: the viruses and their replication" In: <i>Fields Virology</i> 3rd ed. Philadelphia, Pa. Lippincott-Raven Publishers, pp. 931-959.
27	Schlesinger, J.J. et al. 1987 "Protection of mice against dengue 2 virus encephalitis by immunization with the dengue 2 virus non-structural glycoprotein NS1" <i>J Gen Virol</i> 68:853-857.

EXAMINER <i>m. p. pang</i>	DATE CONSIDERED <i>09/11/06</i>
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EXAMINER <i>M. R. [Signature]</i>	DATE CONSIDERED <i>09/14/06</i>
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